

All PHA Recommendations

Tuesday, October 02, 2012 11:07:39 AM

Record #	ABU	Unit	I/R	Item Nbr	Additional Consideration (Recommendation)	ABU Proposal	Resolution	Verifier Comments	Verifier Name	Verified On	Due Date	RR	SOE	Assigned To	Status	
16190	Isomax	TKN/ISO	2nd Revalidation	16-2a	Concern: A small water leak may cause increased salt deposition and/or under-deposit corrosion. Hydroprocessing Best Practices Team Leader issue: Intermittent wash water block valve leaking. A small leak may mean that stripped water is completely vaporized at the exchanger inlet. Completely vaporized water will leave behind tube sheet deposits that can be corrosive. Consider revising the washwater procedure (ISO-NP-4610) to ensure that the washwater system is positively blocked and vented (double block & bleed) when not in operation. Also, ensure consideration is given to vent location to mitigate impact of sour vapor process leakage. Safety RR of 4 is based on a safety Severity of 3. Operability Severity may approach 2 (pending repair duration of 1-3 weeks), which would result in an Operability RR of 3	Updating the the washwater procedure ISO-NP-4610 to ensure that the washwater system is positively blocked and vented when not in operation.. MOC 13870 is tracking the changes.	Draft procedure revision have been completed.	Added step to ISO-NP-4610 to ensure that valves are closed and bleeder in between valves is open.	Lucas, James H.	9/28/2004			4	S	Lucas, James H.	Completed
16192	Isomax	TKN/ISO	2nd Revalidation	54-16	Concern is that samples on C-730 bottoms are too hot, possibly causing employee burns. Consider revising the sampling procedure and/or sampling system to mitigate the safety concerns of sampling hot product (approximately 550F). Consideration should include: sample container (glass vs. metal); sample draw rate (lower rate for more cooling -> longer sample time); sample cooler sizing.	Job Aid was updated to alter sampling to use of sample tins rather than glass containers.	The job aid was updated and published to the web in the N Isomax EOM.	Revised ISO3E08J.	Baer, Michael A.	6/17/2005	5/23/2005	4	S	Case, Stanley D.	Completed	

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16193	Isomax	TKN/ISO	2nd Revalidation	82-10a	Concern: H2S deviations over 100 ppm have been observed. Sampling procedure does not require fresh air. Samples are taken twice a shift. Sample vent is located close to sample station. Use of fresh air during sampling would require two operators. Consider relocating the sample vent to mitigate operator exposure to H2S during sampling.	Attached is the desired field routing of the tubing vent for the H2S drager sample box for K600. This job came up as part of the TKN/ISO HAZOP. The current sample box vent location gives the operators a pretty good dose of H2S on sampling the recycle stream. Moving the box vent will eliminate this. Please use 1/2" 304/316 SS tubing (.035 wall is permissible for this open ended vent to ease field fabrication and bending. Alternately you can use the .065 wall Z4H tubing spec). The open end of the tubing is to point toward the reactor structure. Work Order 26174638	Work Order completed on 10/4/04	Verified 10/11/2004	Maxfield, Erik	10/11/2004	12/31/2004	4	S	Maxfield, Erik	Completed
16195	Isomax	TKN/ISO	2nd Revalidation	83-1a	Concern: Personnel exposure to piping above 140F. Consider providing thermal protection for hot CW piping. A project is being planned that will result in a reduction of the E-742B CW outlet temperature in 1Q06.	This is no longer an issue.	The 140 temperature is no longer appropriate	This is no longer a concern post acid washing the exchanger for scale build up.	Case, Stanley D.	9/15/2004		5	S	Case, Stanley D.	Completed
16196	Isomax	TKN/ISO	2nd Revalidation	82-12a1	Concern: Damage to V-600/640 due to brittle-fracture induced by cooling down concurrent with sustained pressure by Makeup H2 (violate MPT of 100F at 650 psig). Also environmental impact due to discharge to flares. Consider ensuring the IMPACT task to provide a board-operated control valve for the Make-up H2 to K-600 suction is implemented.	This concern is addressed in item 82-12a2. MOC 13870 is the tracking mechanism. MOC Completed 9/29/04	This concern is not accepted by the business unit. Item 82-12a2 was accepted in lieu of this item.	Item 82-12a2 and MOC 13870 address this concern.	Case, Stanley D.	9/27/2004		3	S	Case, Stanley D.	Completed

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16197	Isomax	TKN/ISO	2nd Revalidation	82-12a2	Concern: Damage to V-600/640 due to brittle-fracture induced by cooling down concurrent with sustained pressure by Makeup H2 (violate MPT of 100F at 650 psig). Also environmental impact due to discharge to flares.	Updating the emergency procedures to ensure a ste is present to block 1" make-up H2. MOC 13870. MOC completed 9/29/04	Draft changes have been made by Jim Lucas	ISO-EP-304 has been updated and sent for crew review.	Lucas, James H.	9/28/2004		5	5	Lucas, James H.	Completed
Totals:			6 Records												